

ABSTRACT

A diffractive focusing device includes a light transmissive substrate and a plurality of selectively light opaque elements formed in the light transmissive substrate. The selectively light opaque elements are capable of being electronically activated. Particular elements of the plurality of selectively light opaque elements are selectively rendered substantially light opaque or substantially light-transmissive in order to create light transmissive channels in the light transmissive substrate with desired diffractive characteristics.